

$$3)(2x-3)(x+1)$$

	$2x-3$	
x	$2x^2$	$-3x$
$+$		
1	$2x$	-3

$$2x^2 - x - 3$$

$$2x^2 + 2x - 3x - 3$$

$$x^2 - \textcolor{red}{1}x - 6$$

$$(x-3)(x+2)$$

-6	-1
-2, 3	
<u>-3, 2</u>	✓
-6, 1	
-1, 6	

$$x^2 - 4$$

$$(x-2)(x+2)$$

c	b
-4	0
-2, 2	✓
2, -2	✓
-1, 4	
-4, 1	

$$\begin{array}{rcl}
 x^2 + 6x + 5 & c & b \\
 (x+1)(x+5) & 5 & 6 \\
 \hline
 & 1, 5 & \checkmark
 \end{array}$$

$$x^2 + x + 5x + 5$$

$$x^2 + 6x + 5$$